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|---|------------------------------------|-------------------------|
| <i>Issue Classification</i>  | Application No. | Applicant(s) |
| | 09/942,039 | NISHI ET AL. |
| | Examiner Lowell A Larson | Art Unit 3725 |
| | | |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
|--|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final | Original | Final | Original | Final | Original | Final | Original |
| 1 | 1 | 31 | 61 | 91 | 121 | 151 | 181 |
| 2 | 2 | 32 | 62 | 92 | 122 | 152 | 182 |
| 3 | 3 | 33 | 63 | 93 | 123 | 153 | 183 |
| 4 | 4 | 34 | 64 | 94 | 124 | 154 | 184 |
| 5 | 5 | 35 | 65 | 95 | 125 | 155 | 185 |
| 6 | 6 | 36 | 66 | 96 | 126 | 156 | 186 |
| 7 | 7 | 37 | 67 | 97 | 127 | 157 | 187 |
| 8 | 8 | 38 | 68 | 98 | 128 | 158 | 188 |
| 9 | 9 | 39 | 69 | 99 | 129 | 159 | 189 |
| 10 | 10 | 40 | 70 | 100 | 130 | 160 | 190 |
| 11 | 11 | 41 | 71 | 101 | 131 | 161 | 191 |
| 12 | 12 | 42 | 72 | 102 | 132 | 162 | 192 |
| 13 | 13 | 43 | 73 | 103 | 133 | 163 | 193 |
| 14 | 14 | 44 | 74 | 104 | 134 | 164 | 194 |
| 15 | 15 | 45 | 75 | 105 | 135 | 165 | 195 |
| 16 | 16 | 46 | 76 | 106 | 136 | 166 | 196 |
| 17 | 17 | 47 | 77 | 107 | 137 | 167 | 197 |
| 18 | 18 | 48 | 78 | 108 | 138 | 168 | 198 |
| 19 | 19 | 49 | 79 | 109 | 139 | 169 | 199 |
| 20 | 20 | 50 | 80 | 110 | 140 | 170 | 200 |
| 21 | 21 | 51 | 81 | 111 | 141 | 171 | 201 |
| 1 | 22 | 52 | 82 | 112 | 142 | 172 | 202 |
| 3 | 23 | 53 | 83 | 113 | 143 | 173 | 203 |
| 24 | | 54 | 84 | 114 | 144 | 174 | 204 |
| 2 | 25 | 55 | 85 | 115 | 145 | 175 | 205 |
| 26 | | 56 | 86 | 116 | 146 | 176 | 206 |
| 27 | | 57 | 87 | 117 | 147 | 177 | 207 |
| 28 | | 58 | 88 | 118 | 148 | 178 | 208 |
| 29 | | 59 | 89 | 119 | 149 | 179 | 209 |
| 30 | | 60 | 90 | 120 | 150 | 180 | 210 |

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|--|--|------------|----------------------|---------------------|----------|-------------------|------------------------------------|
| | | Subclass | ISSUE CLASSIFICATION | BEST AVAILABLE COPY | | | PATENT NUMBER |
| | | | | | | | |
| <hr/> | | | | | | | |
| U.S. UTILITY Patent Application | | | | | | | |
|  O.I.P.E. SCANNED 5/22/04 | | | | PATENT DATE | | DEPT. OF COMMERCE | |
| APPLICATION NO. | | CONT/PRIOR | CLASS | SUBCLASS | ART UNIT | EXAMINER | SEARCHED INDEXED MAILED 5/22/04 |
| 09/942039 | | F | 072 | 241.4 | 3725 | <i>Lutson</i> | |

Hidetoshi Nishi
Hiroyasu Nakamae
Kenichi Yasuda
Kenji Horii

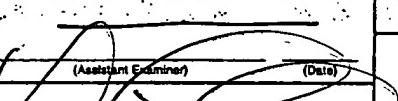
Rolling method for strip rolling mill and strip rolling equipment

TIME

PTO-2040
12/89

ISSUING CLASSIFICATION

| ORIGINAL | CROSS REFERENCE(S) | | | | | |
|--|--------------------|-------|-----------------------------------|-----|-----|-----|
| CLASS | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | |
| 72 | 119 | 72 | 229 | 247 | | |
| INTERNATIONAL CLASSIFICATION | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| 43 | 44 | 45 | 46 | 47 | 48 | 49 |
| 50 | 51 | 52 | 53 | 54 | 55 | 56 |
| 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 |
| 78 | 79 | 80 | 81 | 82 | 83 | 84 |
| 85 | 86 | 87 | 88 | 89 | 90 | 91 |
| 92 | 93 | 94 | 95 | 96 | 97 | 98 |
| 99 | 100 | 101 | 102 | 103 | 104 | 105 |
| Continued on Issue Slip Inside File Jacket | | | | | | |

| TERMINAL DISCLAIMER | DRAWINGS | | | CLAIMS ALLOWED | | | | | |
|--|---|-------------|------------|--|----------------------|------------|-----------|-------|-------|
| | Sheets Drwg. | Figs. Drwg. | Print Fig. | Total Claims | Print Claim for O.G. | | | | |
| <input checked="" type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. | 8 | 10 | 1 | 3 | 1 | | | | |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent No. _____ |  Lowell A. Larson Primary Examiner <small>(Primary Examiner)</small> | | | NOTICE OF ALLOWANCE MAILED <small>(Assistant Examiner)</small> _____ <small>(Date)</small> _____ | | | | | |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | | | | ISSUE FEE <table border="1"> <tr> <td>Amount Due</td> <td>Date Paid</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> </table> | | Amount Due | Date Paid | _____ | _____ |
| Amount Due | Date Paid | | | | | | | | |
| _____ | _____ | | | | | | | | |
| | | | | ISSUE BATCH NUMBER <small>(Legal Instruments Examiner)</small> _____ <small>(Date)</small> _____ | | | | | |

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